

## CLEAN COPY OF THE CLAIMS

Shown below are a clean copy of the claims:

1. (Canceled)
2. (Canceled)
3. (Canceled)
4. (Canceled)
5. (Canceled)
6. (Canceled)
7. (Currently Amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising being stored on a recordable medium and including instructions for:
  - receiving an event from the distributed directory into an XML generator;
  - converting the event into XML data representing the event;
  - transforming the XML data representing the event to a first predetermined format by a transformation processor using a first stylesheet, the first predetermined format being responsive to a first application running in the computer network;
  - transmitting the transformed XML data representing the event to the first application;
  - transforming the XML data representing the event to a second predetermined format by the transformation processor using a second stylesheet, the second predetermined format being responsive to a second application running in the computer network; and
  - transmitting the transformed XML data representing the second event to the second application.
8. (Canceled)
9. (Previously Presented) The software program of claim 7 further comprising instructions for:

receiving updates to the first stylesheet responsive to any changes in either the distributed directory or the first application.

10. (Canceled)

11. (Currently Amended) The software program of claim 7 further comprising instructions for:

detecting the event through notification from an event handler of the distributed directory.

12. (Canceled)

13. (Canceled)

14. (Canceled)

15. (Currently Amended) A software program for facilitating the use of a distributed directory running in a computer network, the program comprising instructions for:

receiving a first event from a first application in a first native application format;

converting the first event into markup language data;

transforming the first event to a predetermined format by a transformation processor using a transformation profile, the predetermined format being responsive to the distributed directory, the transformation profile including formatting instructions for transforming the markup language data to the predetermined format;

transmitting the transformed first event to the distributed directory;

receiving a second event from a second application in a second native application format;

converting the second event into markup language data;

transforming the second event to the predetermined format by the transformation processor using the transformation profile;

transmitting the transformed second event to the distributed directory.

16. (Canceled)

17. (Canceled)

18. (Currently Amended) A distributed computer system comprising:  
a first processor connected to a network for executing computer code;  
a second processor connected to the network for executing computer code;  
a first memory connected to the first processor;  
a second memory connected to the second processor;  
a distributed directory, wherein first and second portions of the distributed directory are stored in the first memory and the second memory, respectively;  
a first application, a portion of which being stored in one of the first memory and the second memory;  
a second application, a portion of which being stored in one of the first memory and the second memory;  
a first transformation profile defining a first predetermined format for use by the first application;  
a second transformation profile defining a second predetermined format for use by the second application;  
software for detecting a directory event in the distributed directory;  
software for transforming the directory event to the first predetermined format by using a generic transformation tool and the first transformation profile;  
software for transforming the directory event to the second predetermined format by using the generic transformation tool and the second transformation profile;  
software for providing to the first application the directory event transformed to the first predetermined format; and  
software for providing to the second application the directory event transformed to the second predetermined format.

19. (Previously Presented) The system of claim 18 further comprising:  
software for converting the directory event to a generic data description before transforming the directory event.

20. (Currently Amended) The system of claim 18 further comprising:

an application shim for the first application to receive the transformed directory event and provide the directory event to the first application by using a first native application program interface for the first application.

21. (Canceled)

22. (Currently Amended) The system of claim 18 wherein the generic transformation tool utilizes a markup language and the software for transforming the directory event utilizes a transformation processor.

23. (Canceled)

24. (Canceled)

25. (Canceled)

26. (New) The software program of claim 7 wherein:  
transmitting the transformed XML data representing the first event to the first application includes transmitting the transformed XML data representing the event to the first application through a first application shim to provide the transformed XML data representing the second event to the first application by using a first native application program interface for the first application; and

transmitting the transformed XML data representing the second event to the second application includes transmitting the transformed XML data representing the event to the second application through a second application shim to provide the transformed XML data representing the event to the second application by using a second native application program interface for the second application.

27. (New) The software program of claim 7 wherein the first predetermined format and the second predetermined format are the same predetermined format.

28. (New) The software program of claim 7 further:  
transforming the first event to a second predetermined format by the transformation processor using a second transformation profile, the second predetermined format being

responsive to the second application, the transformation profile including formatting instructions for transforming the markup language data to the second predetermined format; and

transmitting to the second application the first event transformed to the second predetermined format.

29. (New) The system of claim 18 further comprising:  
a directory transformation profile defining a directory predetermined format for use by the distributed directory;  
software for detecting an application event in the first application;  
software for transforming the application event to the directory predetermined format by using the generic transformation tool and the directory transformation profile; and  
software for providing the transformed application event to the distributed directory.

30. (New) The system of claim 29 further comprising:  
software for detecting a second application event in the second application;  
software for transforming the second application event to the directory predetermined format by using the generic transformation tool and the directory transformation profile; and  
software for providing the transformed second application event to the distributed directory.

31. (New) The system of claim 20 further comprising:  
a second application shim for the second application to receive the transformed directory event and provide the directory event to the second application by using a second native application program interface for the second application.

32. (New) A method for interfacing with a directory in a computing system, comprising:  
providing a first transformation profile defining a first predetermined format for use by a first application;  
providing a second transformation profile defining a second predetermined format for use by a second application;  
detecting an event in the directory;

transforming the event to the first predetermined format by using a transformation tool and the first transformation profile;

transforming the event to the second predetermined format by using the transformation tool and the second transformation profile;

providing to the first application the event transformed to the first predetermined format; and

providing to the second application the event transformed to the second predetermined format.

33. (New) The method of claim 32 further comprising the step of:  
converting the event to a generic data description before transforming the event to the first predetermined format and the second predetermined format.

34. (New) The method of claim 32 further comprising the step of:  
providing an application shim for the first application to receive the event transformed to the first predetermined format and to provide the event to the first application by using a native application program interface for the first application.

35. (New) The method of claim 34 further comprising the step of:  
updating the application shim and the first transformation profile responsive to changes in the first application.

36. (New) The method of claim 34 further comprising the step of:  
providing a second application shim for the first application to receive the event transformed to the second predetermined format and to provide the event to the second application by using a second native application program interface for the second application.

37. (New) The method of claim 36 further comprising the step of:  
updating the second application shim and the second transformation profile responsive to changes in the second application.

38. (New) The method of claim 32 wherein the transformation profile includes a stylesheet.

39. (New) The method of claim 32 wherein the transformation profile is stored in the directory.

40. (New) A driver infrastructure for interfacing a directory and applications comprising:

- a generator to receive a directory event from the directory and to generate a generic data for the directory event;

- a first transformation profile defining a first predetermined format for use by a first application;

- a second transformation profile defining a second predetermined format for use by a second application;

- a transformation processor to transform the generic data for the directory event into a first application data for the first application using the first transformation profile and to transform the generic data for the directory event into a second application data for the second application using the second transformation profile; and

- a transmitter to transmit the first application data to the first application and to transmit the second application data to the second application.

41. (New) A driver infrastructure according to claim 40 wherein:

- the driver infrastructure further comprises a second generator to receive an application event from the first application and to generate a second generic data for the application event;

- the transformation processor is operative to transform the second generic data for the application event into a directory data; and

- the driver infrastructure further comprises a receiver to receive the directory data in the directory.